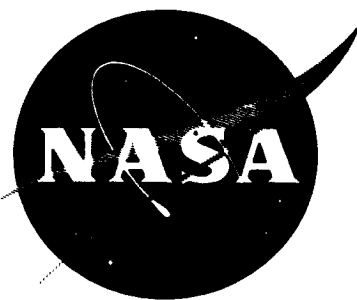


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GUIDE to the SUBJECT INDEXES

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

GUIDE TO THE SUBJECT INDEXES FOR SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS

Introduction

The *Guide to the Subject Indexes for STAR* contains a listing of subject terms (basic index points and cross-references) which have been used in the indexes to *Scientific and Technical Aerospace Reports (STAR)* and *International Aerospace Abstracts (IAA)*. It is published to enable persons searching the literature to use the subject indexes efficiently and rapidly. It supersedes the *Guide to the Subject Index for Technical Publications Announcements*, published December 31, 1962.

The subject terms in this publication are arranged alphabetically. For added usefulness, those that have been used as basic index points are usually accompanied by a "see also" (SA) or a "confer" (CF) cross-reference. Subject terms that cannot be used as basic index points (within the limits of this vocabulary) will always be accompanied by a "see" (S) notation to appropriate terms that are adaptable to indexing. Thus, the following types of cross-references are included in this compilation:

1. The "see" is used to relate broad concepts, too general to be useful index terms, to the specific terms used in the Index. For example:

ATTENUATION

S ACOUSTIC ATTENUATION
S MICROWAVE ATTENUATION
S RADIO ATTENUATION

2. The "see also" cross-reference directs a searcher from general to specific terms when postings under the latter are not repeated under a general heading. For example, the entry

HEATING

SA AERODYNAMIC HEATING

tells a searcher that postings under AERODYNAMIC HEATING are different from those under HEATING. "See also" thus signals the absence of double posting.

3. The "confer" cross-reference is used to relate associated concepts usually having different groups of postings. For example:

PLASMA

CF MAGNETOHYDRODYNAMICS

tells a searcher that, while these terms are related in subject matter, postings under each term are different.

Subject terms contained in this publication may have appeared in the subject indexes to the individual issues of *STAR* and *IAA* during 1963. However, some of the terms that were posted infrequently do not appear as index points in the cumulative indexes to *STAR*. Items originally indexed under lightly posted specific terms are transferred in cumulative indexes to more general terms, provided this does not result in an unwieldy total number

of postings under any one term. As a rule, the specific terms dropped are composite, two-word terms, which are transferred to more general terms with which they share a "concept word." Composite terms containing proper names, or names of systems (e.g., SATURN I LAUNCH VEHICLE) are retained, regardless of the number of postings. When required, a "see also" cross-reference from the general to the specific term is included.

The listing of subject terms in current issues of *STAR* and *IAA* may differ from the listing here because of the rapidly changing terminology.

Suggestions for the improvement of this publication are welcomed. Information regarding the publication and availability of this publication may be obtained from the National Aeronautics and Space Administration, Scientific and Technical Information Division, Washington, D.C. 20546.

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A-6A AIRCRAFT

ABERRATION
CF OPTICS

CF REFRACTION

ABIOTENESIS
SA BIOTENESIS

CF LIFE

ABLATIING MATERIAL
CF PYROLYTIC MATERIAL

ABLATIING NOSE CONE

ABLATION
CF AERODYNAMIC HEATING

CF COOLING

CF EROSION

CF NOSE CONE

CF SUBLIMATION

CF VAPORIZATION

ABLESTAR LAUNCH VEHICLE

ABORT

ABORT APPARATUS

ABORT TRAJECTORY

ABRASION
CF GRINDING

ABRASIVE
CF CORUNDUM

CF DIAMOND

CF GRINDING

CF QUARTZ

ABSORBER
SA NEUTRON ABSORBER

SA RADAR ABSORBER

SA SHOCK ABSORBER

SA SOLAR ABSORBER

SA VIBRATION ABSORBER

CF INSULATOR

ABSORPTION
SA ATMOSPHERIC ABSORPTION

SA AURORAL ABSORPTION

SA DIPHENYLACETYLENE

SA ELECTROMAGNETIC ABSORPTION

SA ENERGY ABSORPTION

SA HEAT ABSORPTION

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ABSORPTION CROSS SECTION

ABSORPTION MONOCHROMATIZATION

ABSORPTION SPECTRUM

ABSORPTIVE INDEX

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SA ANGULAR ACCELERATION

SA IMPACT ACCELERATION

SA MAGNETOHYDRODYNAMIC ACCELERATION

SA PARTICLE ACCELERATION

SA PHYSIOLOGICAL ACCELERATION

SA PLASMA ACCELERATION

CF ARTIFICIAL GRAVITY

CF DECELERATION

CF PULSE RATIO MODULATION /PRM/

CF VELOCITY

ACCELERATION STRESS
CF AUTOKINESIS

CF G FORCE

ACCELERATION TOLERANCE

ACCELERATOR

ACCELERATOR

SA PARTICLE ACCELERATOR

CF DECELERATOR

ACCELEROMETER

SA INERTIAL ACCELEROMETER

SA STRAIN GAUGE ACCELEROMETER

CF VELOCITY METER

ACCIDENT INVESTIGATION

SA AIRCRAFT ACCIDENT

SA AUTOMOBILE ACCIDENT

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SA ALTITUDE ACCLIMATIZATION

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SA COLD ACCLIMATIZATION

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CF COLD TOLERANCE /BIOL/

ACCOMMODATION

S VISUAL ACCOMMODATION

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SA LEAD ACETATE

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ACID

SA ACETIC ACID

SA ACETYLSALICYLIC ACID /ASA/

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SA AMINO ACID

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CF ZERO SOUND

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ACOUSTIC STREAMING

ACOUSTIC VELOCITY

ACOUSTICS

SA HYDROACOUSTICS

SA PSYCHOACOUSTICS

CF NOISE

CF SOUND

ACQUISITION
S DATA ACQUISITION
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SA METHACRYLATE
CF LUCITE

ACRYLIC ACID

ACRYLONITRILE

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ACTIVATION
S NEUTRON ACTIVATION

ACTIVE SATELLITE

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ACAPTIVE FILTER

ADCAT MISSILE

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ADDITION THEOREM

ADDITIVE
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SA PROPELLANT ADDITIVE

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ADENINE

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ADSORPTION

ADVANCED ORBITING SOLAR OBSERVATORY /AOSO/

ADVANCED RANGE INSTRUMENTATION SHIP

ADVANCED SOLAR TURBO ELECTRIC CONVERSION /ASTEC/

ADVANCED TEST REACTOR /ATR/

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AERIAL PHOTOGRAPHY
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CF RECONNAISSANCE

AERIAL RECONNAISSANCE

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AERODYNAMIC BALANCE

AERODYNAMIC CHARACTERISTICS
SA STATIC AERODYNAMIC CHARACTERISTICS

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AERODYNAMIC COEFFICIENT

AERODYNAMIC DRAG

AERODYNAMIC FORCE

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AERODYNAMIC HEAT TRANSFER

AERODYNAMIC HEATING
CF ABLATION

CF AEROTHERMOELASTICITY

AERODYNAMIC LIFT

AERODYNAMIC LOAD
CF GUST LOAD

AERODYNAMIC NOISE
CF AIRCRAFT NOISE

AERODYNAMIC STABILITY

AERODYNAMIC VEHICLE

AERODYNAMICS
SA ROTOR AERODYNAMICS

CF FLUID MECHANICS

CF GAS DYNAMICS

CF RAREFIED FLOW

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CF AEROTHERMOELASTICITY

CF FLUID FLOW

CF FLUID MECHANICS

CF PANEL FLUTTER

CF WING LOADING

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CF AEROELASTICITY

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SA NORTH AFRICA

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AGENA C ROCKET

AGENA ROCKET
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SA ATLAS AGENA B LAUNCH VEHICLE

SA ATLAS AGENA LAUNCH VEHICLE

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SA STRAIN AGING

CF CURING

CF LIFE

CF STORAGE

AGITATION
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SA ULTRASONIC AGITATION

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SA SPOILER-SLOT AILERON

CF CONTROL SURFACE

CF ELEVATOR

CF ELEVON

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SA COMPRESSED AIR
SA HIGH TEMPERATURE AIR
SA SECONDARY AIR

CF ATMOSPHERE

CF GAS

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AIR BLAST

AIR BREATHING ENGINE

AIR CARGO HANDLING
CF CARGO

AIR CONDITIONING
CF COOLING SYSTEM

AIR CONDUCTIVITY

AIR COOLING

AIR CURRENT
SA TURBULENT AIR CURRENT

AIR CUSHION VEHICLE
SA SAAB 401 AIR CUSHION VEHICLE
CF GROUND EFFECT MACHINE

AIR DEFENSE SYSTEM

AIR DUCT

AIR FILTER

AIR FREIGHT INDUSTRY

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AIR NAVIGATION
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AIRCRAFT BREATHING APPARATUS

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CF PRESSURIZED CABIN

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SA PLASTIC AIRCRAFT CONSTRUCTION

SA WOOD AIRPLANE CONSTRUCTION

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AIRCRAFT DESIGN
SA WING DESIGN

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SA AIRCRAFT ELECTRIC EQUIPMENT

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AIRCRAFT ENGINE
SA PEGASUS ENGINE

SA TF 106 AIRCRAFT ENGINE

SA TURBOFAN ENGINE

SA TURBOJET ENGINE

SA TURBOPROP ENGINE

SA TURBOPROJET ENGINE

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AIRCRAFT GUIDANCE

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 CF INFLATABLE STRUCTURE
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CF GROUND SPEED

AIRWORTHINESS REQUIREMENT

AIRYS STRESS FUNCTION
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CF ELASTICITY

CF HARMONIC FUNCTION

CF PLANE

CF POISSON RATIO

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ALFVEN WAVE
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CF CHLORELLA
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ALGORITHM

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SA RUBIDIUM

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ALKALOSIS

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ALKYLFERROCENE

ALKYLIDENE

ALKYNE

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ALL-WEATHER AIR NAVIGATION
CF AIR TRANSPORTATION
CF LANDING AID

ALLOY
SA ALUMINUM ALLOY
SA ANTIMONY ALLOY
SA BERYLLIUM ALLOY
SA BINARY ALLOY
SA BISMUTH ALLOY
SA BORON ALLOY
SA CADMIUM ALLOY
SA CHROMIUM ALLOY
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SA COPPER ALLOY
SA EUTECTIC ALLOY
SA FISSION ALLOY
SA GALLIUM ALLOY
SA GERMANIUM ALLOY

ALOUETTE I SATELLITE

SA GOLD ALLOY
 SA HAFNIUM ALLOY
 SA HIGH STRENGTH ALLOY
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 SA LITHIUM ALLOY
 SA MAGNESIUM ALLOY
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 SA NICKEL ALLOY
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 SA NIOBIUM ALLOY
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 SA PYRALLOY
 SA PYROGRAPHALLOY
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CF DEUTERIUM

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CF ATOMIC BOMB

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HYDROSPHERE

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HYDROXYLAMMONIUM PERCHLORATE

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CF MONTE CARLO METHOD

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HYPERGEOMETRIC FUNCTION

HYPERGOLIC PROPELLANT

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HYPEROPIA

HYPEROSCULATORY INTERPOLATION

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HYPERSONIC FLIGHT

HYPERSONIC FLOW
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HYPERSONIC INLET

HYPERSONIC NOZZLE
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CF HIBERNATION

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CF ANTIFERRROMAGNETISM

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IMAGE FILTER

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CF DETECTOR
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CF CONTROL TOWER

CF RUNWAY

LANDING DEVICE

LANDING GEAR

SA AIRCRAFT TIRE

SA AIRCRAFT WHEEL

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CF AIRFRAME

CF FAIRING

LANDING LGAD

LANDING MODULE

SA LUNAR LANDING MODULE

SA MARS EXCURSION MODULE /MEM/

LANDING SIMULATION

LANDING SITE

SA LUNAR LANDING SITE

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LANDING SYSTEM

SA AUTOMATIC LANDING SYSTEM

SA INSTRUMENT LANDING SYSTEM

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LAPLACE EQUATION
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LAPLACE OPERATOR

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LARGOS SATELLITE

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SA FABRY-PEROT LASER
SA RUBY LASER
CF AMPLIFIER
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CF IRASER
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CF MASER
CF OPTICAL MASER
CF OPTICAL RESONANCE
CF SENARMONT POLARISCOPE
CF SOLID STATE DEVICE
CF STIMULATED EMISSION
CF TRANSIENT OSCILLATION

LASER OUTPUT

LATERAL CONTROL

LATERAL OSCILLATION

LATERAL STABILITY

LATERAL STABILITY AND CONTROL

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SA GEOMAGNETIC LATITUDE
SA HIGH LATITUDELATTICE
SA CRYSTAL LATTICE

CF CRYSTAL

CF GRID

CF MATRIX

CF NETWORK

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CF CRYSTAL STRUCTURE DEFECT
CF INTERSTITIAL ATOMLATTICE POINT
CF CRYSTAL STRUCTURE

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LAUNCH SITE

LAUNCH TIME
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SA ASTROPLANE
SA ATLAS ABLE V LAUNCH VEHICLE
SA ATLAS AGENA B LAUNCH VEHICLE
SA ATLAS AGENA LAUNCH VEHICLE
SA ATLAS CENTAUR LAUNCH VEHICLE
SA BLUE STREAK LAUNCH VEHICLE
SA BOOSTER RECOVERY
SA BOOSTER TANK
SA DELTA LAUNCH VEHICLE
SA DIAMANT LAUNCH VEHICLE
SA EARTH LAUNCH VEHICLE /ELV/
SA ECHO I CARRIER ROCKET
SA ELDO LAUNCH VEHICLE
SA HTOHL LAUNCH VEHICLE
SA NATIONAL LAUNCH VEHICLE PROGRAM
SA NOVA LAUNCH VEHICLE
SA RECOVERY BOOSTER
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SA SATURN LAUNCH VEHICLE
SA SATURN S-IV LAUNCH VEHICLE TEST SITE
SA SATURN I /SA-1/ LAUNCH VEHICLE
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CF MISSILE LAUNCHER
CF ROMBUS SYSTEM
CF SPACECRAFT

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SA AIR LAUNCH
SA LUNAR LAUNCH
SA ORBITAL LAUNCH
SA SATELLITE LAUNCHING
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SA ELECTROMAGNETIC SPACECRAFT RAIL LAUNCHER
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SA INTEGRATE TRANSFER LAUNCH GROUND SYSTEM

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SA CLOSURE LAW
SA CONSERVATION LAW
SA FOURIER LAW
SA HOOKE LAW
SA INTERNATIONAL LAW
SA KEPLER LAW
SA KIRCHHOFF LAW
SA NEWTON-BUSEMANN LAW
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SA NEWTON PRESSURE LAW
SA OHM LAW
SA RADIATION LAW
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SA SIMILITUDE LAW
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SA E-2 LAYER
SA E-3 LAYER
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SA FLAT LAYER
SA ISOTHERMAL LAYER
SA SHEAR LAYER
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LEAPFROG PROGRAM

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SA MACHINE LEARNING
CF BEHAVIOR
CF CONDITIONED RESPONSE
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CF PRACTICE
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SA COGNITIVE HYBRID INTELLIGENT LEARNING DEVICE

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CF SMOOTHING
CF SQUARE

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CF BAROTROPIC FLOW
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LEGENDRE FUNCTION SERIES
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SA QUADRUPOLE LENS
CF EYE
CF SHADOWGRAPH
CF VISUAL ACCOMMODATION

LENS ANTENNA

LENS DESIGN
CF COMPUTER PROGRAM
CF OPTICAL CORRECTION PROCEDURE

LENTICULAR BODY

LEONHARD STABILITY

LEPTON

LESA
S LUNAR EXPLORATION SYSTEM FOR APOLLO /LESA/

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LIAPUNOV FUNCTION
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LIBYAN DESERT

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SA EXTRATERRESTRIAL LIFE
CF ABIOGENESIS
CF AGING
CF BIOGENESIS

LIFE DETECTOR
CF BIOINSTRUMENTATION
CF EXTRATERRESTRIAL LIFE

LIFE SCIENCE
SA BIOLOGY /GEN/
CF BIOCOURIER PROJECT

LIFE SUPPORT SYSTEM
CF CLOSED ECOLOGICAL SYSTEM
CF PRESSURIZED CABIN
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CF SURVIVAL
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SA VARIABLE LIFT
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LIFT AUGMENTATION CF DOWNWASH

CF DRAG

CF GROUND EFFECT

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LIGHT AIRCRAFT SA CESSNA 336 AIRCRAFT

LIGHT AMPLIFIER CF LASER

CF STIMULATED EMISSION

LIGHT COMMUNICATION DEVICE

LIGHT DURATION

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LIGHT GAS PROJECTOR

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LIGHT METAL

LIGHT MODULATOR SA ULTRASONIC LIGHT MODULATOR /ULM/

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LIGHT TRANSMISSION CF ATMOSPHERIC REFRACTION

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CF IRRADIATION

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CF ELECTRIC CURRENT

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CF STATIC ELECTRICITY

LIGHTWEIGHT

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- LIQUID-LIQUID INTERFACE
 - CF SURFACE TENSION
- LIQUID MERCURY
- LIQUID METAL
 - CF REACTOR MATERIAL
- LIQUID METAL COOLED REACTOR /LMCR/
 - CF LOS ALAMOS MOLTEN PLUTONIUM REACTOR /LAMPRE/
 - CF METAL
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LIQUID NITROGEN

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LIQUID OXYGEN /LOX/
CF LOX-HYDROGEN ENGINE

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LIQUID PROPELLANT ROCKET ENGINE

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LOAD TEST

LOAD TESTING MACHINE

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CF HUGONIOT EQUATION OF STATE

LOADING APPARATUS

LOADING MOMENT

LOADING RATE

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LOCOMOTIVE
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LOW TEMPERATURE BRAZING

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LR91-AJ-3 ROCKET ENGINE

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CF PROTECTIVE CLOTHING

SHORAN DISTANCE

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SA RADIO STAR SIGNAL
SA RANDOM SIGNAL
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SIGNAL DETECTION
CF ELECTROSEISMIC EFFECT

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 SILICON RADIATION DETECTOR
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 SA ENVIRONMENT SIMULATION
 SA FLIGHT SIMULATION
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 SA RHEOELECTRICAL SIMULATION
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 SA GENERAL PURPOSE AIRBORNE SIMULATOR
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SIREN

SIS
S SINGLE INTERCEPTOR SATELLITE /SIS/

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SITE DATA PROCESSOR /SDP/

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SKELETON
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SKIMPER

SKIN
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SA STRESSED-SKIN CONSTRUCTION
CF AIRFRAME
CF STRUCTURAL MATERIAL

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CF CUTANEOUS PERCEPTION
CF MELANIN
CF WATER LOSS

SKIN FRICTION

SKIN FRICTION DRAG

SKIN GRAFT

SKIN TEMPERATURE

SKY BRIGHTNESS
CF AIRGLOW

SKY RADIATION
CF AIRGLOW

SKY WAVE

SKYBOLT VEHICLE

SKYLARK ROCKET

SKYTOP-2 FACILITY

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SLAG
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SLAT
SA WING SLAT

SLATER-CONDON PARAMETER

SLED
SA ROCKET SLED

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SA ELECTROCARDIOSIS

CF HIBERNATION

CF INSCMNIA

SLEEP DEPRIVATION
CF WAKEFULNESS

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SLENDER CONE

SLENDER WING

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CF ICE

SNCW AERIAL APPLICATOR AIRCRAFT S-2B

SNOWPLCW

SNUBBER

SCAP
CF DETERGENT

CF WETTING

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SOCIAL ISOLATION
CF DEPRIVATION

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CF CULTURE

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SODIUM CHLORIDE
CF SALT

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SODIUM CHROMITE

SODIUM COMPOUND

SODIUM COOLING

SODIUM D-LINE

SODIUM FILM LUBRICATION

SODIUM FLUORIDE

SODIUM FLUOZIRCONATE

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SODIUM IODIDE

SODIUM PERFLUOROBUTOXIDE

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SODIUM PEROXIDE

SODIUM SALICYLATE

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SODIUM SULFITE

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SOIL
SA LUNAR SOIL

CF CLAY

CF MINERAL

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SOLAR ACTIVITY EFFECT
CF INTERTROPICAL ARC

SOLAR ATMOSPHERE
SA CHROMOSPHERE

SA PHOTOSPHERE

CF SOLAR GRANULATION

SOLAR AZIMUTH

SOLAR CELL
SA SILICON SOLAR CELL

CF BATTERY

CF THERMO-PHOTOVOLTAIC CONVERSION

SOLAR CHROMOSPHERE

SOLAR COLLECTOR
CF CONCENTRATOR

SOLAR CONSTANT

SOLAR CONVERTER

SOLAR CORONA

SOLAR CORPUSCULAR STREAM
CF SOLAR GRANULATION

SOLAR COSMIC RAY

SOLAR COSMIC RAY

SOLAR CYCLE

SOLAR DISK
CF BRIGHTNESS

SOLAR ECLIPSE

SOLAR EFFECT

SOLAR ENERGY
CF SOLAR RADIATION

CF SOLAR WIND

SOLAR ENERGY ABSORPTION FILM
SA INORGANIC SOLAR ENERGY ABSORPTION FILM

SOLAR ENERGY THERMIONIC /SET/ PROGRAM

SOLAR FACULAE

SOLAR FLARE
CF SUNSPOT

SOLAR FLUX

SOLAR FURNACE

SOLAR GENERATOR

SOLAR GRANULATION
CF CHROMOSPHERE

CF CONVECTION

CF PHOTOSPHERE

CF SOLAR ATMOSPHERE

CF SOLAR CORPUSCULAR STREAM

CF STELLAR MASS EJECTION

CF WAVE EXCITATION

CF WAVE PROPAGATION

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SOLAR HEAT

SOLAR HEAT FLOW

SOLAR INSTRUMENT

SOLAR LONGITUDE

SOLAR MAGNETIC FIELD

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SOLAR PHYSICS

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SOLAR POWER SYSTEM

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SOLAR PROMINENCE

SOLAR PROPULSION

SOLAR PROTON

SOLAR RADAR REFLECTION

SOLAR RADIATION
CF SOLAR ENERGY

SOLAR RADIATION OBSERVATION

SOLAR RADIATION SHIELD

SOLAR RADIATION I SATELLITE

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SOLAR RADIO BURST

SOLAR RADIO WAVE

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SOLAR SENSOR

SOLAR SIMULATION

SOLAR SIMULATOR

SOLAR SPECTROGRAPH

SOLAR SPECTRUM
CF SOLAR VELOCITY

SOLAR STORM

SOLAR STREAM

SOLAR SYSTEM
CF GALAXY

SOLAR VELOCITY

SOLAR WIND

SOLAR X-RAY

SOLDER

CF FASTENER

SOLDERED JOINT

CF METAL JOINT

SOLDERING

SA SONIC SOLDERING

SA ULTRASONIC SOLDERING

CF BONDING

CF BRAZING

CF FLUX

CF JOINT

SOLENOID

CF COIL

SOLID LUBRICANT

SOLID NITROGEN

SOLID PROPELLANT

CF CHEMICAL EXTINGUISHER

SOLID PROPELLANT IGNITION

SOLID PROPELLANT ROCKET ENGINE

SA ATHENA ROCKET

SA TX-306 ROCKET ENGINE

SA X254 ROCKET ENGINE

CF VORTEX GENERATION

SOLID ROTATION

SOLID STATE DEVICE

CF DIFFERENTIAL AMPLIFIER

CF LASER

CF MASER

CF SEMICONDUCTOR DEVICE

SOLID STATE PHYSICS

CF ELECTRON STATE

CF FORBIDDEN BAND

CF N-TYPE SEMICONDUCTOR

CF P-TYPE SEMICONDUCTOR

CF THIN FILM CIRCUIT

SOLID STATE PLASMA

CF CRYSTAL STRUCTURE

CF SEMICONDUCTOR

SOLID SURFACE

CF GAS-SOLID INTERFACE

SOLID SUSPENSION

CF COLLOID

SOLID WING

SOLIDS

SA INFINITE SOLID

SA RANKINE SOLID

SOLOMON COMPUTER

SOLUBILITY

SOLUTION

SA ITERATIVE SOLUTION

SA POHLHAUSEN SOLUTION

SA SOLID SOLUTION

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SOLUTION HEAT

CF SPECIFIC HEAT

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SOMMERFIELD WAVE

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SA RADIOSONDE

SA ROCKET SONDE

CF PROBE

CF SOUNDING

SONIC ANEMOMETER

SONIC BOOM

SONIC FLOW

SONIC NOZZLE

SONIC SOLDERING

SONIC SPEED

SONIC WAVEGUIDE

SONOBUOY

SONOGRAM METHOD

SONOLUMINESCENCE

SONOTROPISM

SORET COEFFICIENT

SORPTION

SA ABSORPTION

SA ADSORPTION

SA CHEMISORPTION

SA CRYSORPTION

SOUND

SA DESCRIPTION
SOUND
CF ACOUSTICS
SOUND AMPLIFICATION
SOUND DETECTOR
SOUND FIELD
SOUND INTENSITY
CF NOISE INTENSITY
CF WHITE NOISE
SOUND MEASUREMENT
SOUND PROPAGATION
SOUND RANGING
SOUND TRANSMISSION
SOUND VELOCITY
SOUND WAVE
SA ELECTROACOUSTIC WAVE
SA IONIC SOUND WAVE
SA PLASMA SOUND WAVE
SOUNDING
SA BALLOON SOUNDING
SA IONOSPHERIC SOUNDING
SA ROCKET SOUNDING
CF SONDE
SOUNDING ROCKET
SA AEROBEE-HI ROCKET
SA AERCBEE ROCKET
SA ARCAS ROCKET
SA ASTROBEE 1500 ROCKET
SA DEACON-ARROW ROCKET
SA KAPPA-8 ROCKET
SA NIKE-APACHE ROCKET
SA NIKE-CAJUN ROCKET
SA NIKE ROCKET
SA STRONGARM ROCKET
SA EXOS SOUNDING ROCKET
SA PHOENIX SOUNDING ROCKET
CF IONOSPHERIC SOUNDING
CF METEOROLOGICAL ROCKET

SOURCE

S COHERENT SOURCE
S ELECTRON SOURCE
S HEAT SOURCE

S ION SOURCE
S NEUTRON SOURCE
S POWER SOURCE
S RADIATION REFERENCE SOURCE
S RADIATION SOURCE
S RADIO SOURCE

SOUTHERN HEMISPHERE

SPACE

S BANACH SPACE
S CISELUNAR SPACE
S DEEP SPACE
S EUCLIDIAN SPACE
S FREE SPACE
S HALF SPACE
S HILBERT SPACE
S INTERPLANETARY SPACE
S INTERSPACE
S INTERSTELLAR SPACE

SPACE BIOLOGY

CF BIOASTRONAUTICS
CF BIGCOURIER PROJECT
CF CLOSED ECOLOGICAL SYSTEM

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SPACE CABIN

SPACE CABIN SIMULATOR

SA SAM SPACE CABIN SIMULATOR
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SPACE CAPSULE

SA DISCOVERER RECOVERY CAPSULE /DRC/
SA MERCURY CAPSULE
CF SPACECRAFT

SPACE CHARGE

SPACE COMMUNICATION

SPACE DEBRIS

SPACE DENSITY

CF ATMOSPHERIC DENSITY

SPACE DETECTION AND TRACKING SYSTEM /SPADATS/

SPACE ELECTRIC ROCKET TEST /SERT/

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CF EXTRATERRESTRIAL ENVIRONMENT
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CF THERMAL RADIATION

SPACE EXPLORATION
CF LUNAR EXPLORATION

SPACE REFERENCE SYSTEM

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SA MANNED SPACE FLIGHT
SA ONE-WAY SPACE FLIGHT
SA PLANETARY SPACE FLIGHT
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SPACE RENDEZVOUS MANEUVER

SPACE SCIENCE

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CF COMPUTER SIMULATION
CF ENVIRONMENT SIMULATION
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SPACE FREQUENCY EQUIVALENCE /SFE/

SPACE SIMULATOR

SPACE GLIDER
SA DYNA-SCAR SPACE GLIDER

SPACE STATION
SA MANNED ORBITAL SPACE STATION /MOSS/

SPACE GLOSSARY

SA ORBITAL SPACE STATION

SPACE LABORATORY

CF TELEPHICS

SPACE LAW

SPACE STORAGE

SPACE LOGISTICS

SPACE SUIT
CF PRESSURIZED SUIT
CF PROTECTIVE CLOTHING

SPACE MAINTENANCE
CF ORBITAL WORKER

SPACE SURVEILLANCE SYSTEM
CF DEFENSE

SPACE MECHANICS

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SA MARINER R-1 SPACE PROBE
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SA MARINER I SPACE PROBE
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SA PIONEER I SPACE PROBE
SA PIONEER IV SPACE PROBE
SA PIONEER V SPACE PROBE
CF LUNAR PROBE
CF VENUS PROBE

SPACE-TIME METRIC
CF SCHWARZSCHILD METRIC

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SPACE PROGRAM
SA EUROPEAN SPACE PROGRAM
SA NASA PROGRAM
SA USSR SPACE PROGRAM

SPACE TRAJECTORY PROGRAM

SPACE RADIATION
CF GAMMA RADIATION
CF REGICITY SPECTRUM

SPACE VEHICLE
SA INTERORBITAL SPACE VEHICLE /IOSV/
SA PHAETON SPACE VEHICLE
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SA RECOVERABLE SPACE VEHICLE
CF SATELLITE
CF SPACECRAFT

SPACE VEHICLE CHECKOUT PROGRAM

SPACE VEHICLE CONTROL

SPACECRAFT
SA APOLLO SPACECRAFT
SA EUROPEAN I SPACECRAFT
SA FERRY SPACECRAFT

SPACECRAFT COMMUNICATION

SA GEMINI SPACECRAFT
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OF HUGENIOT EQUATION OF STATE

YIELD STRENGTH

YJ73-GE-3 TURBOJET

YJ93-GE-3 TURBOJET ENGINE

YLR87-AJ-5 ROCKET ENGINE

YLR91-AJ-5 ROCKET ENGINE

YO-YO DEVICE

YOUNGS MODULUS

YT-2B AIRCRAFT

YTTERBIUM

YTTRIUM

YTTRIUM ALLCY

YTTRIUM COMPOUND

YTTRIUM-IRON GARNET /YIG/ CRYSTAL

YTTRIUM OXIDE

YTTRIUM OXIDE

YUKAWA POTENTIAL

Z

Z FUNCTION

ZEEMAN EFFECT

ZENER EFFECT

ZECLITE

ZERO ANGLE OF ATTACK

ZERO CROSSING

ZERO GRAVITY
CF COUNTERBALANCE SYSTEM

ZERO LIFT

ZERO POWER REACTOR II /ZPR-II/

ZERO POWER REACTOR III /ZPR-III/

ZERO POWER REACTOR VII /ZPR-VII/

ZERO SOUND

ZERO-VELOCITY CURVE

ZERC-ZERC WEATHER
CF VISIBILITY

ZETA MACHINE
CF CONTAINMENT
CF CONTROLLED FUSION

CF CRYGENICS

CF DEUTERIUM PLASMA

CF PLASMA PINCH

ZETA NUCLEAR REACTOR

ZEUS ROCKET

ZIEGLER CATALYST

ZINC

ZINC ALLOY

ZINC COMPOUND

ZINC OXIDE

ZINC SELENIDE

ZINC-SILVER OXIDE BATTERY

ZINC SULFIDE

ZINC TELLURIDE

ZINCBLENDE

ZIRCALOY

ZIRCONIUM

ZIRCONIUM ALLOY

ZIRCONIUM HYDRIDE

ZIRCONIUM IODIDE

ZIRCONIUM NITRIDE

ZIRCONIUM OXIDE

ZIRCONIUM TITANATE

ZMAR RADAR

ZODIACAL CUST CLCUC

ZODIACAL LIGHT

ZONAL HARMONICS